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**United States Patent** [19][11] **Patent Number:** **5,189,632****Paajanen et al.**[45] **Date of Patent:** **Feb. 23, 1993****[54] PORTABLE PERSONAL COMPUTER AND MOBILE TELEPHONE DEVICE****[75] Inventors:** **Reijo Paajanen; Mikko Terho; Tom Höglund**, all of Tampere, Finland**[73] Assignee:** **Oy Nokia Ab**, Helsinki, Finland**[21] Appl. No.:** **734,731****[22] Filed:** **Jul. 23, 1991****[30] Foreign Application Priority Data**

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**[51] Int. Cl.<sup>5</sup>** ..... **G06F 1/00; H04M 11/00****[52] U.S. Cl.** ..... **364/705.05; 379/110****[58] Field of Search** ..... **364/705.05; 379/110****[56] References Cited****U.S. PATENT DOCUMENTS**

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A portable computer telephone device comprising a portable personal computer and a mobile phone integrated into one and the same body structure said body having a display screen (3) and a keyboard member (2) for operating the computer and the mobile telephone. To improve the convenience of use of such an integrated device, the keyboard member (2) is arranged to be movable between open and closed positions with respect to the rest of the body structure (1) in such a way that in the open position the whole display screen (3) and at least the whole keyboard (4, 5) of the computer are accessible for operating the computer and in the closed position the keyboard member (2) covers a part of the display screen and leaves the buttons (6) of the mobile telephone part 3(a) of the display screen accessible for operating the mobile telephone.

**3 Claims, 2 Drawing Sheets**